



**US Environmental Protection Agency
Office of Pesticide Programs**

**Registration Review Cases for Round 1:
Antimicrobial Pesticides**

July 2017

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

1 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
5026	Busan 1024	128889	76902-90-4	3,5,7-Triaza-1- azoniatricyclo(3.3.1.1(superscript3,7))deca ne, 1-methyl-, chloride	07/06/07	1	1
5020	2,4-Imidazolidinedione	115501	6440-58-0	2,4-Imidazolidinedione, 1,3- bis(hydroxymethyl)-5,5-dimethyl-	07/06/07	2	2
5020	2,4-Imidazolidinedione	115502	116-25-6	2,4-Imidazolidinedione, 1-(hydroxymethyl)- 5,5-dimethyl-	07/06/07	2	3
5025	Zinc borate	128859	12447-61-9	Zinc borate (3ZnO, 2B03, 3.5H2O; mw 434.66)	09/12/07	3	4
5038	Capric acid	128955	334-48-5	Capric acid	12/12/07	4	5
4065	Sodium hydroxide	075603	1310-73-2	Sodium hydroxide	12/12/07	5	6
3051	Alkyl amine hydrochloride	069152	91745-52-7	Alkyl* amine hydrochloride *(as in fatty acids of coconut oil)	12/12/07	6	7
632	Barium metaborate	011101	13701-59-2	Barium metaborate	03/26/08	7	8
5028	Caprylic Acid	128919	124-07-2	Caprylic acid	07/09/08	8	9
5027	Oxazolidine-E	128909	7747-35-5	Oxazolidine-E	07/09/08	9	10

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

2 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
3052	Cosan 145 (*)	123702	97553-90-7	Methanol, (((1-methyl-2-(5-methyl-3-oxazolidinyl)ethoxy)methoxy)methoxy)-	09/17/08	10	11
3029	Biobor (*)	012401	2665-13-6	1,3,2-Dioxaborinane, 2,2'-((1-methyl-1,3-propanediyl)bis(oxy))bis(4-methyl-	09/17/08	11	12
3029	Biobor (*)	012402	14697-50-8	1,3,2-Dioxaborinane, 2,2'-oxybis(4,4,6-trimethyl-	09/17/08	11	13
5033	3H-1,2-Dithiol-3-one, 4,5-dichloro-	129049	1192-52-5	3H-1,2-Dithiol-3-one, 4,5-dichloro-	12/17/08	12	14
4064	Mineral acids	045901	7647-01-0	Hydrochloric acid	12/17/08	13	15
4064	Mineral acids	073201	7681-38-1	Sodium bisulfate	12/17/08	13	16
4064	Mineral acids	076001	7664-38-2	Phosphoric acid	12/17/08	13	17
4064	Mineral acids	078001	7664-93-9	Sulfuric acid	12/17/08	13	18
4024	Citric acid, and salts	021801	77-92-9	Citric acid	12/17/08	14	19
3070	Ethanolamine, 2-	099001	34375-28-5	2-((Hydroxymethyl)amino)ethanol	12/19/08	15	20
5008	Bromine chloride	020504	13863-41-7	Bromine chloride	03/18/09	16	21

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

3 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
4051	Inorg. halides	013902	7786-30-3	Magnesium chloride	03/18/09	17	22
4051	Inorg. halides	013905	7647-14-5	Sodium chloride	03/18/09	17	23
4051	Inorg. halides	013907	7647-15-6	Sodium bromide	03/18/09	17	24
4051	Inorg. halides	075605	10043-52-4	Calcium chloride	03/18/09	17	25
4015	Bromine	008701	7726-95-6	Bromine	03/18/09	18	26
4099	Zinc salts	087801	7646-85-7	Zinc chloride	03/25/09	19	27
4099	Zinc salts	088502	1314-13-2	Zinc oxide	03/25/09	19	28
4099	Zinc salts	089001	7733-02-0	Zinc sulfate	03/25/09	19	29
4099	Zinc salts	129015	7440-66-6	Zinc	03/25/09	19	30
4099	Zinc salts	527200	7446-19-7	Zinc sulfate monohydrate	03/25/09	19	31
3045	p-Chloro-m-xyleneol	086801	88-04-0	Chloroxylenol	03/25/09	20	32
5029	2-(Decylthio)ethanamine hydrochloride	128963	36362-09-1	2-(Decylthio)ethanamine hydrochloride	06/24/09	21	33

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

4 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
4082	Silver (and compounds)	072501	7440-22-4	Silver	06/24/09	22	34
4082	Silver (and compounds)	072502	7775-41-9	Silver fluoride	06/24/09	22	35
4082	Silver (and compounds)	072503	7761-88-8	Silver nitrate	06/24/09	22	36
4082	Silver (and compounds)	072506	7783-90-6	Silver chloride	06/24/09	22	37
4082	Silver (and compounds)	129097	155645-89-9	Silver oxide (Ag ₄ O ₄)	06/24/09	22	38
4082	Silver (and compounds)	221700	130328-18-6	Silver zeolite	06/24/09	22	39
4082	Silver (and compounds)	072560	265647-11-8	Silver sodium hydrogen zirconium phosphate (Ag _{0.18} Na _{0.57} H _{0.25} Zr ₂ (PO ₄) ₃)	06/24/09	22	40
4072	Peroxy cmpds	000595	7722-84-1	Hydrogen peroxide	09/23/09	23	41
4072	Peroxy cmpds	063201	79-21-0	Ethaneperoxoic acid	09/23/09	23	42
4072	Peroxy cmpds	063604	10058-23-8	Potassium peroxymonosulfate	09/23/09	23	43
3149	Tris(HOCH ₂ -)nitromethane	083902	126-11-4	2-(Hydroxymethyl)-2-nitro-1,3-propanediol	09/23/09	24	44

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

5 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
44	OBPA	012601	58-36-6	10,10'-Oxybisphenoxarsine	09/23/09	25	45
4061	Lauryl sulfate salts	079011	151-21-3	Sodium lauryl sulfate	12/16/09	26	46
3065	Disodium cyanodithioimidoca	063301	138-93-2	Carbamodithioic acid, cyano-, disodium salt	12/16/09	27	47
3056	Dibromo-3-nitrilopropionami	101801	10222-01-2	2,2-Dibromo-3-nitrilopropionamide	12/16/09	28	48
3032	Bromohydroxyacetophenone	008707	2491-38-5	Ethanone, 2-bromo-1-(4-hydroxyphenyl)-	12/16/09	29	49
2380	2-Mercaptobenzothiazole	051704	2492-26-4	2-Mercaptobenzothiazole, sodium salt	12/16/09	30	50
5031	1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-	128996	28159-98-0	1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-	03/31/10	31	51
5013	Decyl isononyl dimethyl ammonium chloride	069207	138698-36-9	Decyl isononyl dimethyl ammonium chloride	03/31/10	32	52
3143	Thymol	080402	89-83-8	Thymol	03/31/10	33	53
3069	Dowicil 100 (*)	017901	4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	03/31/10	34	54

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

6 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
3069	Dowicil 100 (*)	017902	51229-78-8	3,5,7-Triazatricyclo(3.3.1.1 ^{superscript} 3,7))decane, 1-(3-chloro-2-propenyl)-, chloride, (Z)-	03/31/10	34	55
5012	Dichromic acid, (H ₂ Cr ₂ O ₇), disodium salt, dihydrate	068306	7789-12-0	Dichromic acid, (H ₂ Cr ₂ O ₇), disodium salt, dihydrate	06/23/10	35	56
4098	Xylenol	086804	105-67-9	2,4-Xylenol	06/23/10	36	57
4027	meta-Cresol	022102	108-39-4	m-Cresol	06/23/10	37	58
4022	Chlorine	020501	7782-50-5	Chlorine	06/23/10	38	59
3033	Busan 74 (*)	035604	30388-01-3	Methanesulfonylthioic acid, S-(2-hydroxypropyl) ester	06/23/10	39	60
4025	Copper, and oxides	022501	7440-50-8	Copper (metallic)	09/22/10	40	61
4025	Copper, and oxides	025601	1317-39-1	Cuprous oxide	09/22/10	40	62
4025	Copper, and oxides	042401	1317-38-0	Cupric oxide	09/22/10	40	63
5118	Copper 8 Quinolinolate	024002	10380-28-6	Copper 8 quinolinolate	09/29/10	41	64

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

7 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
3099	Naphthenate salts	023102	1338-02-9	Copper naphthenate	09/29/10	42	65
3099	Naphthenate salts	088301	12001-85-3	Zinc naphthenate	09/29/10	42	66
2645	Terbuthylazine	080814	5915-41-3	Terbuthylazine	09/29/10	43	67
5107	Benzoic acid	009101	65-85-0	Benzoic acid	12/22/10	44	68
5104	Calcium oxides	075601	1305-62-0	Calcium hydroxide (Ca(OH) ₂)	12/22/10	45	69
5104	Calcium oxides	075604	1305-78-8	Calcium oxide	12/22/10	45	70
5103	Calcium carbonate	073502	471-34-1	Calcium carbonate	12/22/10	46	71
5010	Diethylene glycol monomethyl ether	042204	111-77-3	Diethylene glycol monomethyl ether	12/22/10	47	72
5006	Zinc silicate	008103	#N/A	Zinc silicate	12/22/10	48	73
4069	Oleic acid sulfonates	079064	68443-05-0	Sulfonated oleic acid, sodium salt	12/22/10	49	74
3064	Dimethoxane	001001	828-00-2	2,6-Dimethyl-m-dioxan-4-ol acetate	12/22/10	50	75
220	Potassium permanganate	068501	7722-64-7	Potassium permanganate	12/22/10	51	76

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

8 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
5034	Tetrakis(hydroxymethyl)phosphonium sulphate (THPS)	129058	55566-30-8	Tetrakis(hydroxymethyl)phosphonium sulphate (THPS)	03/30/11	52	77
5011	Sodium p-chloro-m-cresolate	064205	15733-22-9	Sodium p-chloro-m-cresolate	03/30/11	53	78
3046	p-Chloro-m-cresol	064206	59-50-7	4-Chloro-3-cresol	03/30/11	54	79
3038	Chlorhexidine derivs.	045502	56-95-1	Chlorhexidine diacetate	03/30/11	55	80
3038	Chlorhexidine derivs.	045504	18472-51-0	D-Gluconic acid, compd with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimidamide (2:1)	03/30/11	55	81
3038	Chlorhexidine derivs.	481700	3697-42-5	Chlorhexidine dihydrochloride	03/30/11	55	82
2770	Bronopol	216400	52-51-7	Bronopol	03/30/11	56	83
5032	1,2-Benzenedicarboxaldehyde	129017	643-79-8	1,2-Benzenedicarboxaldehyde	03/30/11	57	84
3147	Triethylhexahydrotriazine	082901	7779-27-3	1,3,5-Triethylhexahydro-s-triazine	03/30/11	58	85
4045	Glycolic acid, and salts	000101	79-14-1	Glycolic acid	06/29/11	59	86
2725	Troysan KK-108A (*)	107801	55406-53-6	Carbamic acid, butyl-, 3-iodo-2-propynyl ester	06/29/11	60	87

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

9 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
2045	o-Benzyl-p-chlorophenol	062201	120-32-1	2-Benzyl-4-chlorophenol	06/29/11	61	88
2045	o-Benzyl-p-chlorophenol	062202	35471-49-9	Potassium 2-benzyl-4-chlorophenate	06/29/11	61	89
2045	o-Benzyl-p-chlorophenol	062203	3184-65-4	Sodium 2-benzyl-4-chlorophenate	06/29/11	61	90
5003	Amines, C10-16-alkyldimethyl, N-oxides	000439	70592-80-2	Amines, C10-16-alkyldimethyl, N-oxides	09/30/11	62	91
5030	Glycine, N-(hydroxymethyl)-, monosodium salt	128972	70161-44-3	Glycine, N-(hydroxymethyl)-, monosodium salt	09/30/11	63	92
3010	Alkyl imidazolines	046609	61791-39-7	1-(2-Hydroxyethyl)-2-alkyl-2-imidazoline (as in fatty acids of tall oil)	09/30/11	64	93
3010	Alkyl imidazolines	046612	30968-43-5	2-Heptadecenyl-2-imidazoline	09/30/11	64	94
5035	1H-Pyrazole-1-methanol, 3,5- dimethyl-	129074	85264-33-1	1H-Pyrazole-1-methanol, 3,5-dimethyl-	09/30/11	65	95
2415	Methylene bis(thiocyanate)	068102	6317-18-6	Methylene bis(thiocyanate)	12/21/11	66	96
5111	Tri-n butyl tetradecyl phosphonium chloride	128824	81741-28-8	Tri-n-butyl tetradecyl phosphonium chloride	12/21/11	67	97
2055	Bis(trichloromethyl)sulfone	035601	3064-70-8	Bis(trichloromethyl) sulfone	12/21/11	68	98

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

10 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
209	Sodium Omadine	088004	15922-78-8	Sodium pyrrithione	12/21/11	69	99
5007	Perboric acid, (HBO(O2)), sodium salt, monohydrate	011105	10332-33-9	Perboric acid, (HBO(O2)), sodium salt, monohydrate	03/28/12	70	100
3095	Methyloxazolidines	114801	51200-87-4	4,4-Dimethyloxazolidine	03/28/12	71	101
3095	Methyloxazolidines	114802	75673-43-7	3,4,4-Trimethyloxazolidine	03/28/12	71	102
29	Na & Ca Hypochlorite	014701	7778-54-3	Calcium hypochlorite	03/28/12	72	103
29	Na & Ca Hypochlorite	014703	7681-52-9	Sodium hypochlorite	03/28/12	72	104
3113	Pine oils	067002	2228957	Pine oil	03/28/12	73	105
2065	Bromonitrostyrene	101401	7166-19-0	beta-Bromo-beta-nitrostyrene	03/28/12	74	106
4003	Aliphatic alcohols, C1-C5	001501	64-17-5	Ethanol	07/06/12	75	107
4003	Aliphatic alcohols, C1-C5	047501	67-63-0	Isopropyl alcohol	07/06/12	75	108
2780	Dibromodicyanobutane	111001	35691-65-7	1-Bromo-1-(bromomethyl)-1,3- propanedicarbonitrile	07/06/12	76	109

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

11 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
3122	Poly(hexamethylenebiguanide	111801	32289-58-0	Poly(iminoimidocarbonyliminoimidocarbony liminohexamethylene) hydrochloride	07/06/12	77	110
641	Nabam	014503	142-59-6	Nabam	07/06/12	78	111
5042	Nanosilver	072599	7440-22-4	Siver Nanoparticles	07/06/12	79	112
5014	Didecyl dimethyl ammonium carbonate and didecyl dimethyl ammonium bicarbonate	069208	148788-55-0	Didecyl dimethyl ammonium carbonate and didecyl dimethyl ammonium bicarbonate	09/26/12	80	113
5002	Ammonium Bromide	000352	12124-97-9	Ammonium bromide	09/26/12	81	114
5073	Ammonium sulfate	005601	7783-20-2	Ammonium sulfate	09/26/12	82	115
3016	4-t-Amylphenol, and salts	064101	80-46-6	4-tert-Amylphenol	09/26/12	83	116
3016	4-t-Amylphenol, and salts	064111	53404-18-5	p-tert-Amylphenol, potassium salt	09/26/12	83	117
3016	4-t-Amylphenol, and salts	064112	31366-95-7	p-tert-Amylphenol, sodium salt	09/26/12	83	118
5110	Bethoxazin	090421	163269-30-5	Bethoxazin	09/26/12	84	119
7440	Ammonia	005302	7664-41-7	Ammonia	09/26/12	85	120

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

12 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
569	Chlorinated Isocyanurates	081401	2782-57-2	Dichloro-s-triazinetriene	12/14/12	86	121
569	Chlorinated Isocyanurates	081403	2244-21-5	Potassium dichloro-s-triazinetriene	12/14/12	86	122
569	Chlorinated Isocyanurates	081404	2893-78-9	Sodium dichloro-s-triazinetriene	12/14/12	86	123
569	Chlorinated Isocyanurates	081405	87-90-1	Trichloro-s-triazinetriene	12/14/12	86	124
569	Chlorinated Isocyanurates	081407	51580-86-0	Sodium dichloroisocyanurate dihydrate	12/14/12	86	125
4074	Phenol, and salts	064001	108-95-2	Phenol	12/14/12	87	126
4074	Phenol, and salts	064002	139-02-6	Sodium phenate	12/14/12	87	127
4066	Mineral bases, weak	073506	497-19-8	Sodium carbonate	12/14/12	88	128
5100	1-Octadecanaminium,N,N-dimethyl-N-[3-(trihydroxysilyl)propyl],chloride	107403	199111-50-7	1-Octadecanaminium,N,N-dimethyl-N-[3-(trihydroxysilyl)propyl],chloride	03/27/13	89	129
3148	Trimethoxysilyl quats	107401	27668-52-6	1-Octadecanaminium, N,N-dimethyl-N-(3-(trimethoxysilyl)propyl)-, chloride	03/27/13	90	130
3148	Trimethoxysilyl quats	169160	68959-20-6	N,N-Didecyl-N-methyl-3-(trimethoxysilyl)propanaminium chloride	03/27/13	90	131

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

13 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
3144	Trichloromelamine	077101	7673-09-8	Trichloromelamine	03/27/13	91	132
4006	Alkylbenzene sulfonates	079010	25155-30-0	Sodium dodecylbenzenesulfonate	03/27/13	92	133
4006	Alkylbenzene sulfonates	098002	27176-87-0	Dodecylbenzenesulfonic acid	03/27/13	92	134
4006	Alkylbenzene sulfonates	190116	68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	03/27/13	92	135
2340	Triclosan	054901	3380-34-5	5-Chloro-2-(2,4-dichlorophenoxy)phenol	03/27/13	93	136
5113	T99	107409	41591-87-1	1-Tetradecanaminium, N, N-dimethyl-N-[3-(trimethoxysilyl)propyl]-, chloride	03/27/13	94	137
3055	Halohydantoins	006322	126-06-7	2,4-Imidazolidinedione, 3-bromo-1-chloro-5,5-dimethyl-	06/26/13	95	138
3146	Triethylene glycol	083501	112-27-6	Triethylene glycol	06/26/13	96	139
3126	Propylene & dipropylene glycol	068603	57-55-6	Propylene glycol	06/26/13	97	140
3126	Propylene & dipropylene glycol	068604	25265-71-8	Dipropylene glycol	06/26/13	97	141
3055	Halohydantoins	006315	16079-88-2	2,4-Imidazolidinedione, 1-bromo-3-chloro-5,5-dimethyl-	06/26/13	97	142

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

14 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
3055	Halohydantoins	006317	77-48-5	1,3-Dibromo-5,5-dimethylhydantoin	06/26/13	97	143
3055	Halohydantoins	028500	6921-17-1	1-Chloro-5,5-dimethylhydantoin	06/26/13	97	144
3055	Halohydantoins	028501	118-52-5	1,3-Dichloro-5,5-dimethylhydantoin	06/26/13	97	145
3055	Halohydantoins	128826	89415-87-2	1,3-Dichloro-5-ethyl-5-methylhydantoin	06/26/13	97	146
3055	Halohydantoins	128989	91112-66-2	Bromochloro-5-ethyl-5-methyl-2,4-imidazolidinedione	06/26/13	97	147
5114	Econea	119093	122454-29-9	1H-Pyrrole-3-carbonitrile,4-bromo-2-(4-chlorophenyl)	06/26/13	98	148
8100	Dimethyldithiocarbamate salts	034803	128-03-0	Potassium dimethyldithiocarbamate	09/25/13	99	149
8100	Dimethyldithiocarbamate salts	034804	128-04-1	Sodium dimethyldithiocarbamate	09/25/13	99	150
2275	Ethylene oxide (EtO)	043201	75-21-8	Ethylene oxide	09/25/13	100	151
2575	2-Phenylphenol, and salts	064103	90-43-7	o-Phenylphenol	09/25/13	101	152
2575	2-Phenylphenol, and salts	064104	132-27-4	o-Phenylphenol, sodium salt	09/25/13	101	153

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

15 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
2575	2-Phenylphenol, and salts	064108	13707-65-8	o-Phenylphenol, potassium salt	09/25/13	101	154
2405	Methyl isothiocyanate	068103	556-61-6	Methane, isothiocyanato-	09/25/13	102	155
3080	Iodine, KI	046901	68610-00-4	Oxirane, methyl-, polymer with oxirane, monobutyl ether, compd. with iodine	12/20/13	103	156
3080	Iodine, KI	046903	11096-42-7	Nonylphenoxypolyethoxyethanol - iodine complex	12/20/13	103	157
3080	Iodine, KI	046904	26617-87-8	Iodine, compd. with methyloxirane polymer with oxirane	12/20/13	103	158
3080	Iodine, KI	046905	7553-56-2	Iodine	12/20/13	103	159
3080	Iodine, KI	046914	25655-41-8	Betadine	12/20/13	103	160
3080	Iodine, KI	046917	12298-68-9	Potassium triiodide	12/20/13	103	161
3080	Iodine, KI	046921	68439-47-4	alpha-Alkyl-omega- hydroxypoly(oxyethylene) - iodine complex *(100% C12-C15)	12/20/13	103	162
3080	Iodine, KI	046923	7097-60-1	Glycine, hydriodide (4:1), compd. with iodine (4:5)	12/20/13	103	163

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

16 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
3080	Iodine, KI	075701	7681-11-0	Potassium iodide	12/20/13	103	164
5108	PXTS	006929	557091-14-2	Polyxylenol tetrasulfide	12/20/13	104	165
5116	Polymeric betaine	103679	214710-34-6	Boric acid (H3BO3), polymer with N-decyl-1-decanamine, oxirane and 1,2-propanediol	12/20/13	105	166
5105	TAED	004115	10543-57-4	Tetraacetylenethylenediamine	03/28/14	106	167
3084	Lithium hypochlorite	014702	13840-33-0	Lithium hypochlorite	03/28/14	107	168
3023	Azadioxabicyclooctane	107001	59720-42-2	5-Hydroxymethoxymethyl-1-aza-3,7-dioxabicyclo(3.3.0)octane	03/28/14	108	169
3023	Azadioxabicyclooctane	107002	6542-37-6	5-Hydroxymethyl-1-aza-3,7-dioxabicyclo(3.3.0)octane	03/28/14	108	170
3023	Azadioxabicyclooctane	107003	56709-13-8	1H,3H,5H,-Oxazolo(3,4-c)oxazole, poly(oxymethylene) deriv.	03/28/14	108	171
4122	Organic esters of phosphoric acid	129079	68649-38-7	Phosphoric acid, bis(2-ethylhexyl) ester, compd. with 2,2'-(coco alkylimino)bis(ethanol) Organic Esters of Phosphoric acid,	03/28/14	109	172

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

17 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
4122	Organic esters of phosphoric acid	129080	120579-32-0	Phosphoric acid, mono(2-ethylhexyl) ester, compds. with diethanolamine N-coco alkyl derivs. (1:1)	03/28/14	109	173
5076	Potassium hypochlorite	129052	7778-66-7	Potassium hypochlorite	03/28/14	110	174
3026	Benzisothiazolin-3-one	098901	2634-33-5	1,2-Benzisothiazolin-3-one	06/25/14	111	175
2475	Octhilinone (OIT)	099901	26530-20-1	Octhilinone (OIT)	06/25/14	112	176
3092	Methylisothiazolinone (MIT)	107103	26172-55-4	5-Chloro-2-methyl-3(2H)-isothiazolone	06/25/14	113	177
3092	Methylisothiazolinone (MIT)	107104	2682-20-4	2-Methyl-3(2H)-isothiazolone	06/25/14	113	178
2480	Zinc pyrithione (formerly omadine salts)	088002	13463-41-7	Zinc pyrithione	06/25/14	114	179
2480	Zinc pyrithione (formerly omadine salts)	088005	33079-08-2	Tertiary butylamine pyridinethiol-1-oxide	06/25/14	114	180
5023	3(2H)-Isothiazolone, 4,5-dichloro-2-octyl-	128101	64359-81-5	3(2H)-Isothiazolone, 4,5-dichloro-2-octyl-	09/24/14	115	181

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

18 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
5109	1,3-Propanediamine, N-(3-aminopropyl)-N-dodecyl- (PAD)	067300	2372-82-9	1,3-Propanediamine, N-(3-aminopropyl)-N-dodecyl-	09/24/14	116	182
5112	Fenpropimorph	121402	67564-91-4	Fenpropimorph	09/24/14	117	183
2625	TCMTB	035603	21564-17-0	2-(Thiocyanomethylthio)benzothiazole	09/24/14	118	184
3014	Alkyl trimethylenediamines (ATMD)	067301	61791-63-7	N-(coco alkyl)trimethylenediamine	12/19/14	119	185
3014	Alkyl trimethylenediamines (ATMD)	067302	61791-64-8	1-(Alkyl* amino)-3-aminopropane monoacetate *(as in fatty acids of coconut oil)	12/19/14	119	186
3014	Alkyl trimethylenediamines (ATMD)	067309	68155-43-1	1-(Alkyl* amino)-3-aminopropane hydroxyacetate *(as in fatty acids of coconut oil)	12/19/14	119	187
3014	Alkyl trimethylenediamines (ATMD)	067310	68155-37-3	1-(Alkyl* amino)-3-aminopropane *(42%C12, 26%C18, 15%C14, 8%C16, 5%C10, 4%C8)	12/19/14	119	188
3014	Alkyl trimethylenediamines (ATMD)	067313	61791-64-8	1-(Alkyl* amino)-3-aminopropane diacetate *(as in fatty acids of coconut oil)	12/19/14	119	189
2505	Pentachlorophenol	063001	87-86-5	Pentachlorophenol	12/19/14	120	190

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

19 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
3132	Sodium fluoride	075202	7681-49-4	Sodium fluoride	12/19/14	121	191
3074	HHT (Grotan)	083301	4719-04-4	Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine	12/19/14	122	192
5106	Copper HDO	235500	312600-89-8	Copper, bis[1-cyclohexyl-1,2-di(hydroxy-.kappa.O)diazoniumato(2-)]-	03/30/15	123	193
3028	Bioban P-1487	100801	2224-44-4	4-(2-Nitrobutyl)morpholine	03/30/15	124	194
3028	Bioban P-1487	100802	1854-23-5	Morpholine, 4,4'-(2-ethyl-2-nitro-1,3-propanediyl)bis-	03/30/15	124	195
3030	Bis(bromoacetoxy)-2-butene	035605	20679-58-7	Acetic acid, bromo-, 2-butene-1,4-diyl ester	03/30/15	125	196
139	Creosote (coal tar)	022003	8007-45-2	Coal tar	03/30/15	126	197
139	Creosote (coal tar)	025003	61789-28-4	Creosote oil (Note: Derived from any source)	03/30/15	126	198
139	Creosote (coal tar)	025004	8001-58-9	Coal tar creosote	03/30/15	126	199
4023	Chlorine dioxide	020502	7758-19-2	Sodium chlorite	06/24/15	127	200
4023	Chlorine dioxide	020503	10049-04-4	Chlorine dioxide	06/24/15	127	201

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

20 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
5024	2-Propen-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, homopolymer	128727	26062-79-3	2-Propen-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, homopolymer	08/10/15	128	202
2620	TBT-containing compounds	083001	56-35-9	Tributyltin oxide	08/10/15	129	203
2620	TBT-containing compounds	083106	4342-36-3	Tributyltin benzoate	08/10/15	129	204
2620	TBT-containing compounds	083118	4027-18-3	Tributyltin maleate	08/10/15	129	205
2620	TBT-containing compounds	083120	2155-70-6	Stannane, tributyl(2-methyl-1-oxo-2-propenyl)oxy-	08/10/15	129	206
132	Chromated Arsenicals	006801	7778-39-4	Arsenic acid	10/02/15	130	207
132	Chromated Arsenicals	006802	1303-28-2	Arsenic oxide (As ₂ O ₅)	10/02/15	130	208
132	Chromated Arsenicals	007001	1327-53-3	Arsenic oxide (As ₂ O ₃)	10/02/15	130	209
132	Chromated Arsenicals	021101	7738-94-5	Chromic acid	10/02/15	130	210
132	Chromated Arsenicals	068304	10588-01-9	Sodium dichromate	10/02/15	130	211

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

21 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
4009	Amical 48	101002	20018-09-1	Diiodomethyl p-tolyl sulfone	10/02/15	131	212
3034	Busan 77	069183	31512-74-0	Poly(oxy-1,2-ethanediyl(dimethylimino)-1,2-ethanediyl(dimethylimino)-1,2-ethanediyl dichloride)	10/02/15	132	213
5069	N-bromosulfamates and mixtures	028961		Sodium N-bromosulfamate, mixture with sodium N-chlorosulfamate	10/02/15	133	214
5069	N-bromosulfamates and mixtures	028964		Sodium N-bromosulfamate, mixture with sodium N-chlorosulfamate	10/02/15	133	215
5069	N-bromosulfamates and mixtures	028960	134509-56-1	Sulfamic acid, bromo-, monosodium salt	10/02/15	133	216
5069	N-bromosulfamates and mixtures	128960	13637-90-6	Sodium N-chlorosulfamate	10/02/15	133	217
5069	N-bromosulfamates and mixtures	028963	1192047-27-0	Sulfamic acid, N-bromo-, potassium salt (1:1)	10/02/15	133	218
5069	N-bromosulfamates and mixtures	028962	1192047-23-6	Potassium N-chlorosulfamate	10/02/15	133	219
5017	1,2-Benzisothiazol-3(2H)-one, 2-butyl-butyl-	098951	4299-07-4	1,2-Benzisothiazol-3(2H)-one, 2-butyl-	04/11/16	134	220
5018	2H-Cyclopent(d)isothiazol-3(4H)-one, 5,6-dihydro-2-methyl-	107107	82633-79-2	2H-Cyclopent(d)isothiazol-3(4H)-one, 5,6-dihydro-2-methyl-	04/20/16	135	221

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

22 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
2315	Glutaraldehyde	043901	111-30-8	Glutaraldehyde	07/15/16	136	222
3003	Aliphatic alkyl quaternarie (DDAC)	069146	68527-84-4	Alkyl* dimethyl ethyl ammonium bromide *(90% C14, 5% C16, 5% C12)	11/03/16	137	223
3003	Aliphatic alkyl quaternarie (DDAC)	069149	7173-51-5	1-Decanaminium, N-decyl-N,N-dimethyl-, chloride	11/03/16	137	224
3003	Aliphatic alkyl quaternarie (DDAC)	069165	32426-11-2	1-Decanaminium, N,N-dimethyl-N-octyl-, chloride	11/03/16	137	225
3003	Aliphatic alkyl quaternarie (DDAC)	069166	5538-94-3	1-Octanaminium, N,N-dimethyl-N-octyl-, chloride	11/03/16	137	226
3003	Aliphatic alkyl quaternarie (DDAC)	069173	68607-28-3	Oxydiethylenebis(alkyl* dimethyl ammonium chloride) *(as in fatty acids of coconut oil)	11/03/16	137	227
3003	Aliphatic alkyl quaternarie (DDAC)	129012	61789-18-2	Alkyl* trimethyl ammonium chloride *(as in fatty acids of coconut oil)	11/03/16	137	228
350	ADBAC	069104	53516-76-0	Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12)	11/03/16	138	229
350	ADBAC	069105	68424-85-1	Alkyl* dimethyl benzyl ammonium chloride *(50%C14, 40%C12, 10%C16)	11/03/16	138	230
350	ADBAC	069106	8001-54-5	Alkyl* dimethyl benzyl ammonium chloride *(50%C12, 30%C14, 17%C16, 3%C18)	11/03/16	138	231

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

23 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
350	ADBAC	069107	139-08-2	Alkyl* dimethyl benzyl ammonium chloride *(100% C14)	11/03/16	138	232
350	ADBAC	069111	8045-21-4	Alkyl* dimethyl ethylbenzyl ammonium chloride *(50%C12, 30%C14, 17%C16, 3%C18)	11/03/16	138	233
350	ADBAC	069112	53516-75-9	BTC 1100	11/03/16	138	234
350	ADBAC	069119	73049-75-9	Dialkyl* methyl benzyl ammonium chloride *(60% C14, 30% C16, 5% C18, 5% C12)	11/03/16	138	235
350	ADBAC	069122	121-54-0	Benzenemethanaminium, N,N-dimethyl-N- (2-(2-(4-(1,1,3,3- tetramethylbutyl)phenoxy)ethoxy)ethyl)-, chloride	11/03/16	138	236
350	ADBAC	069125	1330-85-4	Dodecylbenzyl trimethyl ammonium chloride	11/03/16	138	237
350	ADBAC	069129	1399-80-0	Methyldodecylbenzyl trimethyl ammonium chloride 80% and methyldodecylxylylene bis(trimethyl ammonium chloride) 20%	11/03/16	138	238
350	ADBAC	069134	25155-18-4	Benzenemethanaminium, N,N-dimethyl-N- (2-(2-(methyl-4-(1,1,3,3- tetramethylbutyl)phenoxy)ethoxy)ethyl)-, chloride	11/03/16	138	239

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

24 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
350	ADBAC	069137	68424-85-1	Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 25%C12, 15%C16)	11/03/16	138	240
350	ADBAC	069140	61789-71-7	Alkyl* dimethyl benzyl ammonium chloride *(61% C12, 23% C14, 11% C16, 2.5% C18 2.5% C10 and trace of C8)	11/03/16	138	241
350	ADBAC	069141	68424-85-1	Alkyl* dimethyl benzyl ammonium chloride *(58%C14, 28%C16, 14%C12)	11/03/16	138	242
350	ADBAC	069154	85409-23-0	Alkyl* dimethyl ethylbenzyl ammonium chloride *(68%C12, 32%C14)	11/03/16	138	243
350	ADBAC	069157	68424-85-1	Alkyl* dimethyl benzyl ammonium chloride *(65%C12, 25%C14, 10%C16)	11/03/16	138	244
350	ADBAC	069171	68989-01-5	Alkyl* dimethyl benzyl ammonium saccharinate *(50% C14, 40% C12, 10% C16)	11/03/16	138	245
350	ADBAC	069175	68391-01-5	Alkyl* dimethyl benzyl ammonium chloride *(67%C12, 25%C14, 7%C16, 1%C18)	11/03/16	138	246
350	ADBAC	069184	#N/A	Alkyl* dimethyl benzyl ammonium chloride *(95%C14, 3%C12, 2%C16)	11/03/16	138	247
350	ADBAC	069189	68391-01-5	Alkyl* dimethyl benzyl ammonium chloride *(61% C12, 23% C14, 11% C16, 5% C18)	11/03/16	138	248

7/17/2017

EPA/OPP Antimicrobial Pesticide Cases:
Registration Review Schedule

25 of 25

Reg Rev Case #	Registration Review Case Name	PC Code	CAS #	Active Ingredient Name	Docket Opened	Case Count	AI Count
350	ADBAC	069194	68424-85-1	Alkyl* dimethyl benzyl ammonium chloride *(90%C14, 5%C12, 5%C16)	11/03/16	138	249
350	ADBAC	128928	63449-41-2	Alkyl* dimethyl benzyl ammonium chloride *(67%C12, 25%C14, 7%C16, 1%C8, C10, and C18)	11/03/16	138	250
350	ADBAC	169108	61789-71-7	Alkyl* dimethyl benzyl ammonium chloride *(as in fatty acids of coconut oil)	11/03/16	138	251
350	ADBAC	169159	#N/A	n-Alkyl (68% C12, 32% C14) dimethyl dimethylbenzyl ammonium chloride	11/03/16	138	252
5081	Peroxyoctanoic Acid	063209	33734-57-5	Peroxyoctanoic Acid	11/03/16	139	253
556	Formaldehyde	043001	50-00-0	Formaldehyde	11/03/16	140	254
556	Formaldehyde	043002	30525-89-4	Paraformaldehyde	11/03/16	140	255
Cases	140	Actives	255		140		